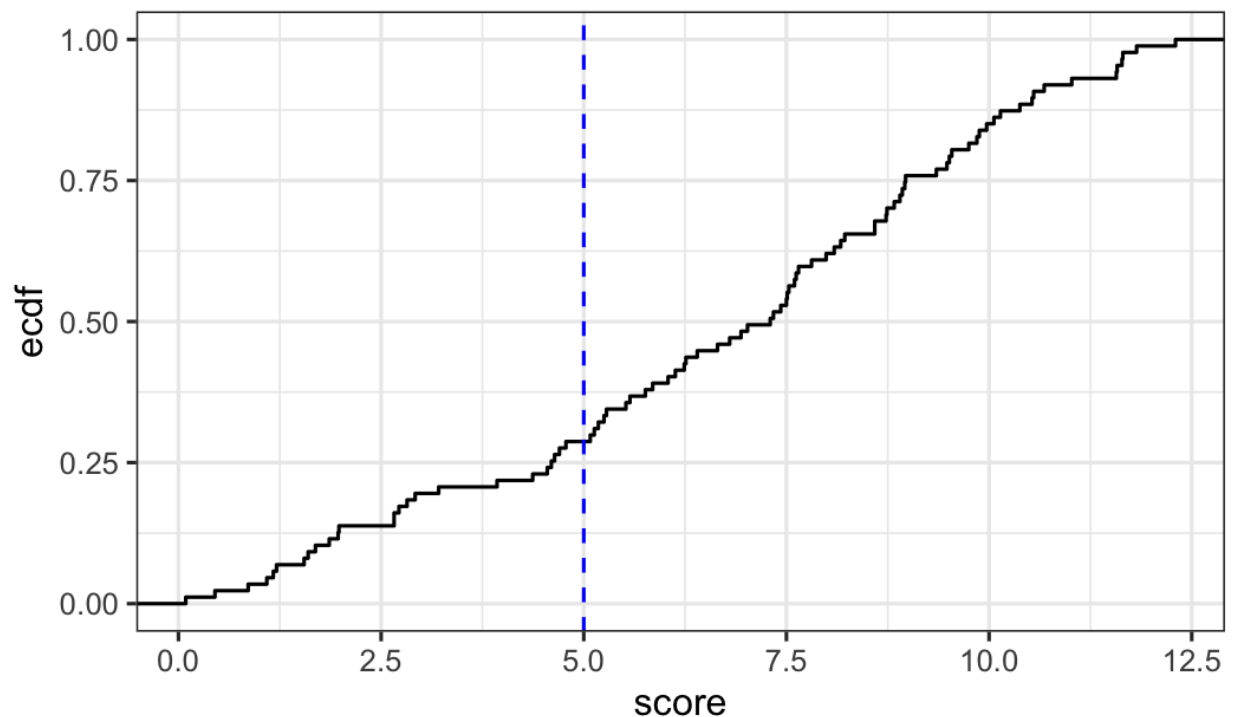


Empirical distribution plot

```
ggplot(data = eoy,  
mapping = aes(  
x = score  
)) + stat_ecdf() + geom_vline(xintercept=5, linetype="dashed",
```



See if it follows gaussian trend

```
ggplot(data = eoy,  
aes(  

```

```
sample = score
)) +
stat_qq(color="cornflowerblue") +
stat_qq_line() +
xlab("Expected Observed Student Score") + ylab("Observed Student Score")
```